

**SEMICONDUCTOR MANUFACTURING CAPACITY
FUTURES EXCHANGE SYSTEM**

ABSTRACT

A method for exchange of futures options through a semiconductor manufacturing environment. In one embodiment, a method is provided for establishing a virtual fab with a plurality of entities, each entity associated with an internal process to a semiconductor fab or an external process to the semiconductor fab. A futures capacity exchange is established through the plurality of entities of the virtual fab. A foundry may establish futures capacity contracts through the futures capacity exchange, wherein a market is provided for trading futures capacity contracts through the futures capacity exchange.